

CLAIMS:

1. A catalyst for the synthesis of ammonia from hydrogen and nitrogen consisting of iron oxides and promoters characterised in that the promoters comprise oxides of both cobalt and titanium in addition to Al, K, Ca and Mg oxides.
2. A catalyst for the synthesis of ammonia from hydrogen and nitrogen according to claim 1, characterised in that, the concentration of cobalt is between 0.1% and 3.0 % by weight of metal and the concentration of titanium is between 0.1% and 1.0% by weight of metal.

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